

Historical Floods: Schuylkill River at Reading, Pennsylvania

Latitude: 40.335

Flood Stage: 15.5 ft

Period of Record: 1869-Present

Last Flood: 9/8/2011

Longitude: -75.937

Number of Floods: 18

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/4/1869	-9999.00	71,200	Missing	C1
6/23/1972	31.30	90,000	Major	C1 C4
1/26/1978	13.51	25,800	Minor	C1
1/25/1979	17.36	37,500	Moderate	C1 F2
2/26/1979	13.43	25,600	Minor	C1 F2
4/16/1983	17.50	33,100	Moderate	C1 F2
12/14/1983	16.09	28,100	Moderate	C1 F2
9/27/1985	16.09	8,100	Moderate	C1 F2
5/19/1988	13.64	21,700	Minor	C1 F2
5/6/1989	15.10	26,000	Minor	C1 F2
11/28/1993	15.40	26,900	Minor	C1 F2
1/20/1996	15.85	28,600	Minor	C1 F2
10/19/1996	15.83	28,500	Minor	C1 F2
9/17/1999	14.95	26,100	Minor	C1 F2
9/18/2004	16.24	29,700	Moderate	C1 F2
6/28/2006	23.75	55,100	Major	C1 F2
3/11/2011	15.01	26,200	Minor	C1 F2
9/8/2011	20.41	42,900	Moderate	F2

Drainage Area: 880 sq mi

Gage Datum: 185.5 ft MSL

Southeastern Pennsylvania Basin

County of Gage: Berks

County of Forecast Point: Berks

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-9999 signifies missing data

MARFC Codes

Code Description

- C1 Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
- C2 Crest information looks reliable despite potential problems. This data was used in frequency calculations.
- C3 Crest height estimated by the USGS.
- C4 Crest height is from the National Weather Service.
- C5 Crest height affected by backwater.
- C6 Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
- C7 Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
- C8 Crest date (day) in the month is unknown.
- C9 Flow is an estimate.
- F1 Flow affected by regulation or diversion and in some cases to an unknown degree.
- F2 Flow effected by snow-melt, ice jam or debris jam break up.
- F3 Flow affected by dam failure.
- F4 Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
- F5 Gage height at a different site and/or datum.
- G1 Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
- G2 Gage datum changed during this year.

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